

**ADVERTISEMENT FOR ENGINEERING AND RELATED SERVICES**  
**May 28, 2020**

**CONTRACT NO. 4400019715**  
**IDIQ CONTRACT FOR HYDROGRAPHIC SURVEYING SERVICES**  
**STATEWIDE WITH MAJORITY OF WORK IN DISTRICTS 02, 03, 07, 61 AND 62**

Under the authority granted by Title 48 of Louisiana Revised Statutes, the Louisiana Department of Transportation and Development (DOTD) hereby issues this advertisement for consulting firms to provide engineering and related services. **Consultants who are a Louisiana or foreign LLC or corporation should be appropriately registered with the Louisiana Secretary of State, as contemplated by Title 12 of the Louisiana Revised Statutes, and with the Louisiana Professional Engineering and Land Surveying (LAPELS) Board under its rules for firms. If a consultant is not in good standing in accordance with those provisions, it may be subject to consequences contemplated in Title 12 and/or the LAPELS rules. All requirements of LAPELS must be met at the time the proposal is submitted. Prime consultants must be registered with the Federal Government using SAM.gov prior to contract execution.**

**All prime consultants submitting proposals for this advertisement must have an Annual Personnel List (APL) on file with DOTD.**

One (1) proposal will be selected for each contract solicited per this advertisement. Only one (1) DOTD Form 24-102 proposal is required for this advertisement, and it represents the prime consultant's qualifications and those of any and all sub-consultants proposed to be used for the referenced contract(s). All identifying contract number(s) should be listed in Section 2 of the DOTD Form 24-102.

**\*\*\*Sub-consultants will not be considered in this selection.\*\*\***

Any questions concerning this advertisement must be sent in writing to [DOTDConsultantAds80@la.gov](mailto:DOTDConsultantAds80@la.gov) no less than 48 hours (excluding weekends and holidays) prior to the proposal deadline.

### **SCOPE OF SERVICES**

The general tasks that the consultant may be required to perform are described more specifically in Attachment A, which is incorporated herein by reference. The selected consultant will perform the specific services covered in an Indefinite Delivery/Indefinite Quantity (IDIQ) contract as detailed in individual Task Orders (TOs), which will specify TO-specific scope of services, contract time, and compensation.

The consultant shall perform the work in accordance with the requirements of this advertisement, the resulting contract, and any TOs issued thereunder. Deliverables shall be in such format as required in Attachment A, unless otherwise specified in an individual TO. The work performed by the consultant shall be performed in a manner consistent with that degree of care and skill

ordinarily exercised by members of the same profession currently practicing under similar circumstances.

### **MINIMUM PERSONNEL REQUIREMENTS (MPRs)**

The requirements set forth in Attachment B must be met at the time the proposal is submitted.

### **EVALUATION CRITERIA**

The criteria to be used by DOTD in evaluating responses for the selection of a consultant to perform these services are listed below:

1. consultant's firm experience on similar projects, weighting factor of three (3);
2. consultant's staff experience on similar projects, weighting factor of four (4);
3. consultant's firm size as related to the Project Magnitude, weighting factor of two (2);
4. consultant's past performance on similar DOTD projects, weighting factor of six (6)\*; and
5. consultant's current work load with DOTD, weighting factor of three (3).

\*Past performance rating categories listed in the table below will be used for performance ratings for this contract.

### **Project Category Weighting - Typical**

The project complexity is **simple**.

The project time is **typical**.

The contract amount is **≤ \$250,000**.

The route classification is **Non-NHS State**.

Therefore, the Project Magnitude for this advertisement is **SMALL**.

**THE FOLLOWING TABLE MUST BE COMPLETED AND INCLUDED IN SECTION 11 OF THE PRIME CONSULTANT’S DOTD FORM 24-102 PROPOSAL.**

Prime consultants who perform 100% of the work may state so in lieu of including this table. In all other cases, the prime consultant shall fill in the table by entering the name of each firm that is part of the proposal and the percentage of work in each past performance rating category to be performed by that firm. Consultants shall not add past performance rating categories. The percentage estimated for each past performance rating category is for grading purposes only, and will not control the actual performance or payment of the work.							
Past Performance Rating Categories**	% of Overall Contract	Prime	Firm B	Firm C	Firm D	Firm E	Firm F
Location and Survey (LB)	90%	100%	n/a	n/a	n/a	n/a	n/a
Contract Management (CM)	10%	100%	n/a	n/a	n/a	n/a	n/a
Identify the percentage of work for the <b>overall contract</b> to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	100%	100%					

\*\*Consultants with no past performance rating in a given category will be assigned the average rating of the firms submitting for that category, the statewide average rating for that category, or three (3.0), whichever is lowest as of the date the advertisement was posted.

Consultants will be evaluated as set forth in the “Evaluation Criteria” section of this advertisement. The evaluation will be by means of a point-based rating system. Each of the above criteria will receive a rating on a scale of one (1) through five (5). The rating will then be multiplied by the corresponding weighting factor. The firm’s rating in each category will then be added to arrive at the consultant’s final rating.

DOTD’s Project Evaluation Team will be responsible for performing the above described evaluation, and will present a shortlist of the three (3) (if three are qualified), highest rated consultants to the Secretary of DOTD. The Secretary will make the final selection.

**RULES OF CONTACT**

These rules are designed to promote a fair and unbiased selection process. DOTD is the single source of information regarding the contract selection. Any official correspondence will be in writing, and any official information regarding the contract will be disseminated by DOTD’s designated representative via the DOTD website. The following rules of contact will apply during the contract selection process, commencing on the advertisement posting date and ceasing at the time of final contract selection. Contact includes face-to-face communication, the use of a telephone, facsimile, electronic mail (email), or formal or informal written communications with DOTD. Any contact determined to be improper, at the sole discretion of DOTD, may result in the rejection of the proposal (i.e., DOTD Form 24-102).

Consultants and consultant organizations shall correspond with DOTD regarding this advertisement only through the email address designated herein; [DOTDConsultantAds80@la.gov](mailto:DOTDConsultantAds80@la.gov) and during DOTD sponsored one-on-one meetings.

No consultant, or any other party on behalf of a consultant, shall contact any DOTD employee, other than as specified herein. This prohibition includes, but is not limited to, the contacting of: department heads, members of the evaluation teams, and any official who may participate in the decision to award the contract resulting from this advertisement.

DOTD will not be responsible for any information or exchange that occurs outside the official process specified above.

**By submission of a proposal to perform services pursuant to this advertisement, the consultant agrees to the communication protocol herein.**

No protest or appeal will be entertained unless made in accordance with the procedures found on DOTD's website, which are incorporated herein by reference and can be accessed at: [http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Pages/Process\\_Procedures.aspx](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Pages/Process_Procedures.aspx).

#### **CONTRACT TIME**

This IDIQ contract shall be in effect for **five (5) years**. **All TOs must be completed by the termination date of the IDIQ contract.** No TO will be initiated unless sufficient contract time remains to complete the TO.

#### **COMPENSATION**

The maximum compensation payable to the consultant under each IDIQ contract shall not exceed **\$1,000,000**. Compensation to the consultant for services rendered in connection with each TO may be made on the basis of lump sum, actual cost plus a fixed fee, cost per unit of work, or specific rates of compensation, as specified in each TO, subject to the limitation set forth in the IDIQ contract.

Compensation may be either negotiated or non-negotiated as determined by DOTD for each individual TO. When the compensation is negotiated, it will be determined by DOTD based on work hours negotiated between DOTD and the consultant. After notification of selection, a kick-off meeting will be held with the selected consultant and appropriate DOTD personnel. The selected consultant will be required to submit a work hour proposal. All negotiations must be completed within the timeframe set forth in the Consultant Contract Services Manual, unless an abbreviated timeframe is specified in writing by the PM.

#### **DIRECT EXPENSES**

To the extent that the consultant is allowed to claim reimbursement for direct expenses, all direct expense items which are not paid for in the firm's indirect cost rate and which are needed and will

be consumed during the life of the contract must be identified by the consultant during contract development. Standard equipment or resources to be used in the provision of services rendered for this contract will not be considered for payment under direct expenses.

The consultant should own most of the equipment required to provide the work and services. The cost of this equipment should be included in the consultant's indirect cost rate. Equipment may be considered "specialized" if it cannot be considered standard equipment for that particular consultant's normal operating business needs. If a consultant believes special equipment is needed for the contract, the consultant must inquire through the Question and Answer process, as provided herein, whether the identified item will be considered specialized equipment for the individual contract.

To the extent that direct expenses are authorized to be compensated pursuant to a particular TO, all travel related expenses will be compensated under direct expenses, and will be in accordance with the most current Louisiana Office of State Travel regulations as promulgated in the Louisiana Administrative Code under the caption "PPM No. 49", with the exception that compensation for vehicle usage will be based on actual miles traveled directly and exclusively related to project needs. Vehicle rental rates will require prior approval from the PM.

### **QUALITY ASSURANCE/QUALITY CONTROL**

DOTD requires the selected consultant and all sub-consultants to develop a Quality Assurance/Quality Control (QA/QC) program in order to provide a mechanism by which all deliverables will be subject to a systematic and consistent review. The selected consultant shall address in its plan the review of all sub-consultant work and deliverables. The selected consultant must submit their QA/QC plan to the DOTD PM within 10 business days of the award notification to the consultant. Consultants must ensure quality and adhere to established DOTD policies, procedures, standards and guidelines in the preparation and review of all deliverables. DOTD may provide limited input and technical assistance to the consultant. Any deliverables to be transmitted by the consultant shall be transmitted with a DOTD Quality Assurance/Quality Control Checklist, and a certification that the deliverables meet DOTD's quality standards.

If Attachment A includes specific QA/QC requirements that contradict those set forth above, the requirements in Attachment A control.

### **TRAFFIC ENGINEERING PROCESS AND REPORT TRAINING REQUIREMENTS**

As part of DOTD's on-going commitment to high quality traffic engineering reports, a traffic engineering training course must be taken by traffic engineering PEs and EIs in order to be eligible to work on DOTD projects. For consultants performing traffic engineering services (i.e., traffic analysis throughout all DOTD project stages), appropriate personnel must successfully complete the three (3) modules of the Traffic Engineering Process and Report Course offered by Louisiana Transportation Research Center (LTRC). This Course must be completed no later than the time the proposal is submitted. Copies of training certificates are to be included in the proposal. It will be the prime consultant's responsibility to ensure their staff and sub-consultants complete the

training. Copies of training records may be obtained from the LTRC website <https://registration.ltrc.lsu.edu/login>.

## WORK ZONE TRAINING REQUIREMENTS

As part of DOTD's on-going commitment to work zone safety, required work zone training courses must now be taken every four (4) years in order for personnel to remain eligible to work on DOTD projects. For consultants performing preconstruction services (*i.e.*, design, survey, subsurface utility, geotechnical, traffic, bridge inspection, environmental services), appropriate personnel must successfully complete these courses. In general, the person in responsible charge of traffic control plans shall be required to have Traffic Control Supervisor training. For preconstruction field services performed within the clear zone, at least one (1) member of the field crew shall have Traffic Control Supervisor or Traffic Control Technician training. The consultant should identify all personnel listed in the staffing plan for the contract who have completed the appropriate work zone training courses. **The consultant shall explain in Section 16 of DOTD Form 24-102 how they plan to meet the work zone requirements.** All preconstruction work zone training requirements shall be met **prior to contract execution**. It will be the prime consultant's responsibility to ensure their staff and sub-consultants have the appropriate work zone training.

In addition to the above requirements, if the Scope of Services set forth in Attachment A includes Construction Engineering and Inspection (CE&I), the following training requirements shall be met **at the time the proposal is submitted**:

Field Engineers:	Traffic Control Technician Traffic Control Supervisor Flagger
Field Engineer Interns:	Traffic Control Technician Traffic Control Supervisor Flagger
Field Senior Technicians, Survey Party Chiefs, and SUE Worksite Traffic Supervisors*:	Traffic Control Technician Traffic Control Supervisor Flagger
Other Field Personnel*:	Traffic Control Technician Flagger

\* excluding Asphalt Plant Inspector, Paint Managers, and Paint Inspectors

Approved courses are offered by ATSSA and AGC. Substitutes for these courses must be approved by the DOTD Work Zone Task Force. For more information, please contact Barry Lacy at 225-379-1584. Specific training course requirements are:

- Flagger: Successful completion every four (4) years of a work zone flagger course approved by the Department. The “DOTD Maintenance Basic Flagging Procedures Workshop” is not an acceptable substitute for the ATSSA and AGC flagging courses.
- Traffic Control Technician (TCT): Successful completion every four (4) years of a work zone traffic control technician course approved the Department. After initial successful completion, it is not necessary to retake this course every four (4) years if Traffic Control Supervisor training is completed every four (4) years.
- Traffic Control Supervisor (TCS): Successful completion of a work zone traffic control supervisor course approved by the Department. Following an initial completion, traffic control supervisors must either complete a one (1)-day TCS refresher course or retake the original two (2)-day TCS course every four (4) years.

ATSSA contact information: (877) 642-4637

## REFERENCES

All services and documents will meet the standard requirements as to format and content of DOTD and will be prepared in accordance with the latest applicable editions, supplements, and revisions of the following:

1. AASHTO Standards – <https://www.transportation.org/>
2. ASTM Standards – <https://www.astm.org/BOOKSTORE/BOS/index.html>
3. DOTD Test Procedures – [http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Materials\\_Lab/Pages/Menu\\_TPM.aspx](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Materials_Lab/Pages/Menu_TPM.aspx)
4. DOTD Location and Survey Manual – [http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/LocationSurvey/Manuals%20and%20Forms/Location\\_and\\_Survey\\_Manual.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/LocationSurvey/Manuals%20and%20Forms/Location_and_Survey_Manual.pdf)
5. Addendum “A” to the Location & Survey Manual – [http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/LocationSurvey/Manuals%20and%20Forms/Location%20and%20Survey%20Manual%20-%20Addendum%20A.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/LocationSurvey/Manuals%20and%20Forms/Location%20and%20Survey%20Manual%20-%20Addendum%20A.pdf)
6. DOTD Roadway Design Procedures and Details – [http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Road\\_Design/Pages/Road-Design-Manual.aspx](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Road_Design/Pages/Road-Design-Manual.aspx)

7. DOTD Design Guidelines –  
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Road\\_Design/Memoranda/Minimum%20Design%20Guidelines.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Road_Design/Memoranda/Minimum%20Design%20Guidelines.pdf)
8. DOTD Hydraulics Manual –  
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Public\\_Works/Hydraulics/Documents/Hydraulics%20Manual.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Public_Works/Hydraulics/Documents/Hydraulics%20Manual.pdf)
9. Louisiana Standard Specifications for Roads and Bridges –  
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Standard\\_Specifications/Pages/Standard%20Specifications.aspx](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Standard_Specifications/Pages/Standard%20Specifications.aspx)
10. Manual on Uniform Traffic Control Devices (Non-DOTD Link) –  
<http://mutcd.fhwa.dot.gov/>
11. DOTD Traffic Signal Design Manual –  
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Traffic\\_Engineering/Traffic%20Control/Traffic%20Signal%20Manual%20V2.0%205-28-2015.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Traffic_Engineering/Traffic%20Control/Traffic%20Signal%20Manual%20V2.0%205-28-2015.pdf)
12. National Environmental Policy Act (NEPA)
13. DOTD Stage 1 Planning/Environmental Manual of Standard Practice - [http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Environmental/Pages/Stage\\_1.aspx](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Environmental/Pages/Stage_1.aspx)
14. National Electrical Safety Code
15. National Electrical Code (NFPA 70)
16. A Policy on Geometric Design of Highways and Streets (AASHTO) –  
[https://bookstore.transportation.org/collection\\_detail.aspx?ID=110](https://bookstore.transportation.org/collection_detail.aspx?ID=110)
17. DOTD Construction Contract Administration Manual –  
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Pages/Engineering\\_Docs.aspx](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Pages/Engineering_Docs.aspx)
18. DOTD Materials Sampling Manual –  
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Materials\\_Lab/Pages/Menu\\_MSM.aspx](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Materials_Lab/Pages/Menu_MSM.aspx)
19. DOTD Bridge Design Manual –  
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Bridge\\_Design/Pages/BDEM.aspx](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Bridge_Design/Pages/BDEM.aspx)
20. Consultant Contract Services Manual –  
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Manuals/CCS%20Manual%20rev%20Feb%202020.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Manuals/CCS%20Manual%20rev%20Feb%202020.pdf)
21. Bridge Inspector's Reference Manual – <https://www.fhwa.dot.gov/bridge/nbis.cfm>
22. Federal Aid Off-System Highway Bridge Program Guidelines –  
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Bridge\\_Design/Manuals/Other%20Manuals%20-%20Guidelines/2019%20Federal%20Aid%20Off-System%20Highway%20Bridge%20Program%20Guidelines.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Bridge_Design/Manuals/Other%20Manuals%20-%20Guidelines/2019%20Federal%20Aid%20Off-System%20Highway%20Bridge%20Program%20Guidelines.pdf)
23. Code of Federal Regulations 29 CFR 1926 (OSHA)

24. Complete Streets –  
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Multimodal/Highway\\_Safety/Complete\\_Streets/Pages/default.aspx](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Multimodal/Highway_Safety/Complete_Streets/Pages/default.aspx)
25. Traffic Engineering Manual -  
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Traffic\\_Engineering/Misc%20Documents/Traffic%20Engineering%20Manual.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Traffic_Engineering/Misc%20Documents/Traffic%20Engineering%20Manual.pdf)
26. Traffic Engineering Process and Report –  
[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/Traffic\\_Engineering/Publications/Pages/TEPR.aspx](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/Traffic_Engineering/Publications/Pages/TEPR.aspx)

### **CONTRACT EXECUTION REQUIREMENTS**

The selected consultant will be required to execute the contract within ten (10) days after receipt of the contract.

A sample of the contract provisions can be found at the following link: [http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Pages/Advertisements.aspx](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Pages/Advertisements.aspx).

### **SECONDARY SELECTION PROCESS**

When multiple IDIQ contracts with similar scopes of service are available within a DOTD Section that is prepared to issue a TO, the TO selection procedures set forth in Attachment C shall be used to award that TO. Documentation of the selection process shall be retained by DOTD.

### **REVISIONS TO THE ADVERTISEMENT**

DOTD reserves the right to revise any part of the advertisement by issuing addenda to the advertisement at any time. Issuance of this advertisement in no way constitutes a commitment by DOTD to award a contract. DOTD reserves the right to accept or reject, in whole or part, all DOTD Form 24-102s submitted, and/or cancel this consultant services procurement if it is determined to be in DOTD's best interest. All materials submitted in response to this advertisement become the property of DOTD, and selection or rejection of a proposal does not affect this right. DOTD also reserves the right, at its sole discretion, to waive administrative informalities contained in the advertisement.

### **CLARIFICATIONS**

DOTD reserves the right to request clarification of ambiguities or apparent inconsistencies found within any proposal, if it is determined to be in DOTD's best interest.

### **PROPOSAL REQUIREMENTS**

One (1) original (**stamped "original"**) and **five (5)** copies of the consultant's response to this advertisement must be submitted to DOTD on the most current version of the DOTD Form 24-102 (available at [http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Pages/](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Pages/)

[Manuals Forms Agreements.aspx](#)) along with an electronic copy (USB flash drive only) in a searchable Portable Document Format (PDF). All proposals must be in accordance with the requirements of this advertisement, and the Consultant Contract Services Manual. Unless otherwise stated in this advertisement, copies of licenses and certificates are not required to be submitted with the proposal.

If more than one (1) contract is to be selected based on this advertisement, no prime consultant is allowed to be a sub-consultant on any other consultant's 24-102. If a prime consultant is submitted as a sub-consultant on another consultant's 24-102, its proposal as a prime consultant may be deemed non-responsive.

Any consultant failing to submit any of the information required on the DOTD Form 24-102, or providing inaccurate information on the DOTD Form 24-102, may be considered non-responsive.

DOTD employees may not submit a proposal, nor be included as part of a consultant's proposal.

Any sub-consultants to be used in performance of this contract, must also submit a DOTD Form 24-102, which is completely filled out and contains all information pertinent to the work to be performed. The sub-consultant's DOTD Form 24-102 must be firmly bound to the prime consultant's DOTD Form 24-102.

Contract and/or part-time employees are allowed. Such employees should be shown in Section 12 of the DOTD Form 24-102 with an asterisk denoting their employment status.

The DOTD Form 24-102 should be identified with **contract number 4400019715** and shall be submitted **prior to 3:00 p.m. CST on Tuesday, June 30, 2020**, by hand delivery or mail, addressed to:

Department of Transportation and Development  
Attn.: Darhlene Major  
Consultant Contract Services Administrator  
1201 Capitol Access Road, **Room 405-E**  
Baton Rouge, LA 70802

Phone: (225) 379-1025

## ATTACHMENT A – SCOPE OF SERVICES

The consultant shall perform hydrographic surveying and related services for statewide projects covered by a IDIQ Contract under separate Task Orders (TO). **The majority of the work will be in Districts 02, 03, 07, 61 and 62.** The consultant shall be required to execute a TO which will specify the scope of services, contract time and compensation. Each TO will become a part of the IDIQ contract.

The services to be rendered for this IDIQ Contract shall consist of the following Stage:

### Stage 3, Hydrographic Surveying Services

The consultant will occasionally be required to perform multi-beam, side-scan, magnetometer, and sub-bottom hydrographic surveys at specific sites around the state.

The majority of the surveys will require the consultant to perform conventional single beam hydrographic surveying for our bridge scour program along designated bridges using standard survey methods and best surveying practices for data acquisition. The survey shall consist of running range lines at predetermined stations over the water and on the banks. The occurrence of each survey of each bridge will be determined by DOTD schedule and will commence within a time period of fifteen (15) days before or after the scheduled date.

The survey will use predetermined horizontal points or positions along a range line. The consultant will use the latest DOTD hydrographic survey to recover or reestablish base lines and bench marks. The consultant will be responsible for using and maintaining existing base lines and ranges.

The established DOTD bench mark elevation for each bridge site project will be used. The consultant will be responsible for using and maintaining the project bench mark. The top of water elevation will be surveyed from the predetermined project bench mark and recorded at the beginning of each survey and at three (3) hour intervals thereafter. If sizeable differences in top of water elevations are noted, using standards of practice, then adjustments will be made in the reduction of the field notes for final elevations.

The fathometer will be bar checked each day and adjusted to record accurate readings. The chart will be marked with an event mark along with a description of the mark at the predetermined horizontal position.

Those surveys not requiring a fathometer chart, a rod reading indicating the depth of water or the elevation of the water bottom will be taken at the predetermined horizontal point or position and recorded in the field book supplied by DOTD.

No survey will take place on those days or times that the water has significant chop that would compromise the integrity of the data. In the event that a passing boat causes a wake that would compromise the integrity of the data, the survey shall cease until the waters return to normal.

Digital photos will be taken to show debris around or against any part of the bridge structure, banks or revetment that have experience erosion or damage. The photo will be annotated to indicate the structure number, direction photo was taken, the date taken and the bent number where photo was directed.

A written report will be submitted on each survey. Remarks on the field conditions will be noted. Such things as broken pilings, water current, debris in water or banks, bank condition, range line obstructions (such as barges), reasons for incomplete survey and surrounding area will be documented.

A data sheet will be used for each bridge structure. The consultant will copy and format a sheet for each bridge. A data sheet will be completed for each bridge structure survey.

The consultant will deliver the hydrographic chart, field notes, digital photos and final tabulation (Data) sheet with elevations within seven (7) days after the completion of the field work. In the event that debris is located around a pier or piling or significant changes to the bottom, the photo and/or data will be sent to DOTD within twenty-four (24) hours for review by the engineer.

The latest survey data will be used to field check newly acquired data. If acquired data appears non consistent with latest survey, the field crew will resurvey area of interest before departing from field. Surveys to fix faulty data will not be a paid item.

#### **SERVICES TO BE PERFORMED / ITEMS TO BE PROVIDED BY DOTD**

- Previous Scour Survey Data and Survey Control

#### **ELECTRONIC DELIVERABLES**

Consultant hereby agrees to produce electronic deliverables in conformance with DOTD Software and Deliverable Standards for Electronic Plans document in effect as of the effective date of the most recent contract action or modification, unless exempted in writing by the Project Manager. Consultant is also responsible for ensuring that sub-consultants submit their electronic deliverables in conformance with the same standards. DOTD Software and Deliverable Standards for Electronic Plans document and DOTD CAD Standards Downloads are available via links on the DOTD web site.

Consultant shall apply patches to CAD Standard Resources and install incremental updates of software as needed or required. Consultant hereby agrees to install major updates to software versions and CAD Standard Resources in a timely manner. Major updates of CAD standards and software versions shall be applied per directive or approval of the DOTD Design Automation Manager. Such updates will not have a significant impact on the plan development time or project delivery date, nor will they require Consultant to purchase additional software. Prior to proceeding with plan development, Consultant shall contact the Project Manager for any special instructions regarding project-specific requirements.

In the event that any Digital Plan Delivery Standard conflicts with written documentation, including DOTD plan-development Manuals, the Digital Plan Delivery Standard governs. Consultant is responsible for contacting the Project Manager should questions arise.

Consultant shall upload (or check in) electronic deliverables directly into the DOTD ProjectWise repository at each plan delivery milestone. Consultants are responsible for performing certain operations at each milestone including, but not limited to, the following:

- Upload (or check in) CAD plan deliverables to the discipline “Plans” folder
- Apply and maintain indexing attributes to CAD plans (and other deliverables as needed)
- Publish PDF format plan submittals in ProjectWise using automated publishing tools
- Digitally sign PDF format plan submittals in ProjectWise according to DOTD standards and procedures (Final Plans, Revisions and Change Orders). Signatures shall be applied in signature blocks provided with electronic seals and Title Sheets.

Additionally, after reviewing deliverables for each submittal milestone, the Project Manager shall notify Consultant regarding the availability of two automatically-generated informational reports in ProjectWise. These reports document the completion status and other information regarding indexing attributes and CAD standards. Consultants shall take these reports into account and make any necessary adjustments to plans before the next submittal milestone; or sooner, if directed by the Project Manager.

#### **SPECIFIC SOFTWARE AND / OR EQUIPMENT DESIRED**

Equipment to perform multi-beam, side-scan, magnetometer, and sub-bottom surveys. Electronic files shall be submitted in Microstation.dgn format.

## **ATTACHMENT B – MINIMUM PERSONNEL REQUIREMENTS (MPRs)**

The following requirements must be met at the time the proposal is submitted:

1. At least one (1) principal of the prime consultant shall be a professional land surveyor or a professional engineer, registered in the state of Louisiana.
2. At least one (1) principal or responsible member of the prime consultant shall be a professional land surveyor, registered in the state of Louisiana, and shall have a minimum of five (5) years of experience in responsible charge of conducting hydrographic surveys in rivers, lakes and bays.

### **MPRS ARE TO BE MET BY SEPARATE INDIVIDUALS OF THE PRIME CONSULTANT, UNLESS STATED OTHERWISE BELOW.**

**MPR Nos. 1 and 2 may be met by the same person.**

**NOTE: WHEN SATISFYING A MINIMUM PERSONNEL REQUIREMENT, PLEASE ENSURE THE RÉSUMÉ REFLECTS REQUIRED EXPERIENCE AS REQUESTED.**

- Please note the number of MPRs are minimal; however, all relevant personnel necessary to perform the Scope of Services must be identified in the prime consultant's DOTD Form 24-102.
- Preference will be given to firms providing evidence of employing a support staff with at least five (5) years of experience and training in hydrographic surveys and with necessary equipment to complete the tasks mentioned in the Scope of Services (Attachment A).
- The Prime Consultant shall use Section No. 12 and Section No. 16 of the DOTD Form 24-102 to convey the organizational structure and plan on how to timely deliver all the requirements and deliverables identified in the Scope of Services and allow DOTD to assess the consultant's ability to successfully complete this project.
- All relevant personnel and support staff necessary to perform the Scope of Services shall be identified in Section No. 12 and their resumes included in Section 14 of the DOTD Form 24-102. This includes both individuals designated as satisfying MPRs and individuals not designated as satisfying MPRs but relevant to the contract.

## ATTACHMENT C – SECONDARY SELECTIONS FOR TASK ORDERS

### **Procedures for selecting among IDIQ contracts for issuance of Task Orders - Section 24**

#### **For all services, except Subsurface Utility Engineering**

If proposed new TO is to be issued for the purpose of extending services related to services performed under a previously issued TO by a particular consultant with whom DOTD has an existing IDIQ contract containing the appropriate scope of services and with time and funding capacity available sufficient to support the issuance of the new TO under said contract, then that consultant's contract will be tasked.

Otherwise, when more than one IDIQ is available for the provision of the services required, the following procedure will be employed to determine which of the IDIQ contracts will be tasked.

1. Identify all IDIQ contracts that apply – type/scope of work in contract
  - a. If applies, move to next step
  - b. If does not apply, then cannot use the contract
2. Determine if there is sufficient time remaining on the contract to complete the work
  - a. If yes, proceed to next step
  - b. If no, then cannot use the contract
3. Determine if there is sufficient compensation remaining on contract to complete the work
  - a. If yes, proceed to next step
  - b. If no, cannot use the contract
4. Determine if specialty tasks are required or if timing of performance is critical
  - a. If yes, can the consultant perform the work, as needed? (Consideration may be given to experience with task(s), current workload, and past performance.)
    - i. If yes, the consultant can perform the work, then proceed to next step
    - ii. If no, the consultant should not or is not able to perform the work, do not use the contract. Document the reasons, *e.g.*, the consultant is less experienced, past performance indicates that the consultant may have difficulty with task(s), the consultant has multiple jobs ongoing for DOTD so timeliness may be an issue, etc.
  - b. If no specialty tasks or timeliness issues are present, then proceed to the next step.
5. If more than one IDIQ contract reaches this step, then they will be distinguished from one another by the consultants': 1) familiarity or experience with the services required; 2) locality, where a local presence will add value to the quality and efficiency of the project; or 3) the amount of remaining contract time or remaining available compensation.
  - a. Select the contract whose consultant is most familiar or experienced with the services required.

- b. If the consultants are equal regarding familiarity/unfamiliarity with the services required, then select the contract whose consultant is local to the project area, provided that a local presence will add value to the quality and efficiency of the project.
- c. If the consultants are equal on the criteria of familiarity and experience with the services required and locality, if applicable, then select the contract with the most available time or the most available compensation on the contract, with due consideration given to the risks involved and the needs of the project.